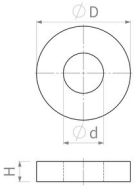
BRUGGER MAGNETSYSTEME

PRODUKTDATENBLATT

Raw magnets of Samarium-Cobalt (SmCo)

Ring magnet made of SmCo



Article number	Quality	D mm	d mm	H mm	Adhesive force* N	Weight g	Temperature °C	Magnetisation
MS2ARm15x8x3.5	RCS26H	$15^{+0.1}/_{-0.1}$	$8^{+0.1}/_{-0.1}$	$3{,}5^{+0.1}/_{-0.1}$	23	3.7	350	axial
MS2ARm18x8x4	RCS26H	$18^{+0.1}/_{-0.1}$	$8^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	31	6.7	350	axial
MS2ARm24x11x4	RCS26H	$24^{+0.1}/_{-0.1}$	$11^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	51	12	350	axial
RM032SCRi99rh00	RCS26H	$32^{+0.1}/_{-0.1}$	$10{,}5^{+0.1}/_{-0.1}$	$4^{+0.1}/_{-0.1}$	77	24	350	axial

PRODUCT NOTE:

SmCo magnets can be produced in almost any desired dimensions and without tooling costs. Small quantities are therefore also possible. The surface is bright. The temperature specification refers to the maximum operating temperature of the material. However, the resistance may be reduced due to the geometry.

As an alternative to the standard, we also offer customised solutions:

" customer-specific dimensions

" modified magnetisation direction

" other types of magnetisation

" other qualities

" additional coating (e.g. galvanised, nickel-plated, epoxy-coated)

Magnetised by the height (H)

* The forces have been determined at room temperature on a polished plate made of steel (S235JR according to DIN 10 025) with a thickness of 10 mm (1kg~10N). A deviation of up to -10% from the specified value is possible in exceptional cases. In general, the value is exceeded. The type of application (installation situation, temperatures, counter anchors, etc.) sometimes influence the forces enormously. The values given are for orientation purposes. Let our experts advise you.

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